

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-6. (Cancelled)

7. (New) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

 a solenoid coil;

 an armature acted upon in a closing direction by the restoring spring;
and

 a valve needle, which is connected to the armature by force-locking and at which a valve-closure member is formed, which forms a sealing seat together with a valve-needle surface, the armature striking against a stop face of an inner pole of the solenoid coil by way of an armature stop face, at least one of the armature stop face and the stop face having a coating, the coating having a surface structure having raised areas and recessed areas.

8. (New) The fuel injector according to claim 7, wherein the raised areas have a dome-shaped design.

9. (New) The fuel injector according to claim 7, wherein a height difference between the raised and recessed areas is dimensioned such that it is greater than a removal of the raised areas occurring as a result of loading.

10. (New) The fuel injector according to claim 9, wherein the height difference is between 5 μm and 10 μm .

11. (New) The fuel injector according to claim 7, wherein the coating is made of chromium.

12. (New) The fuel injector according to claim 11, wherein the coating is made up of a plurality of chromium layers.